

DESS

> DENTAL SMART SOLUTIONS



Catalogue
ELLIPTIBase® 2023

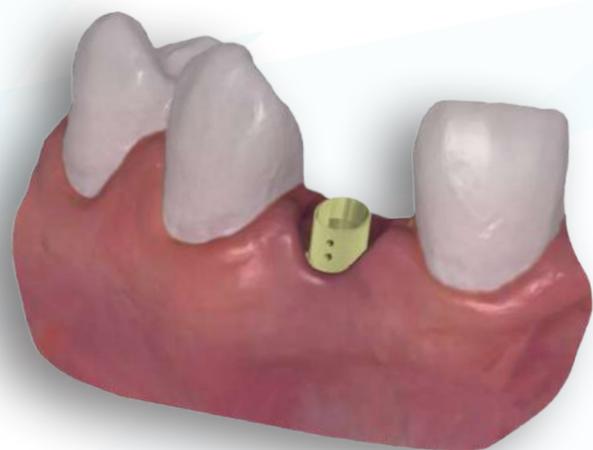


Tight spaces not a problem

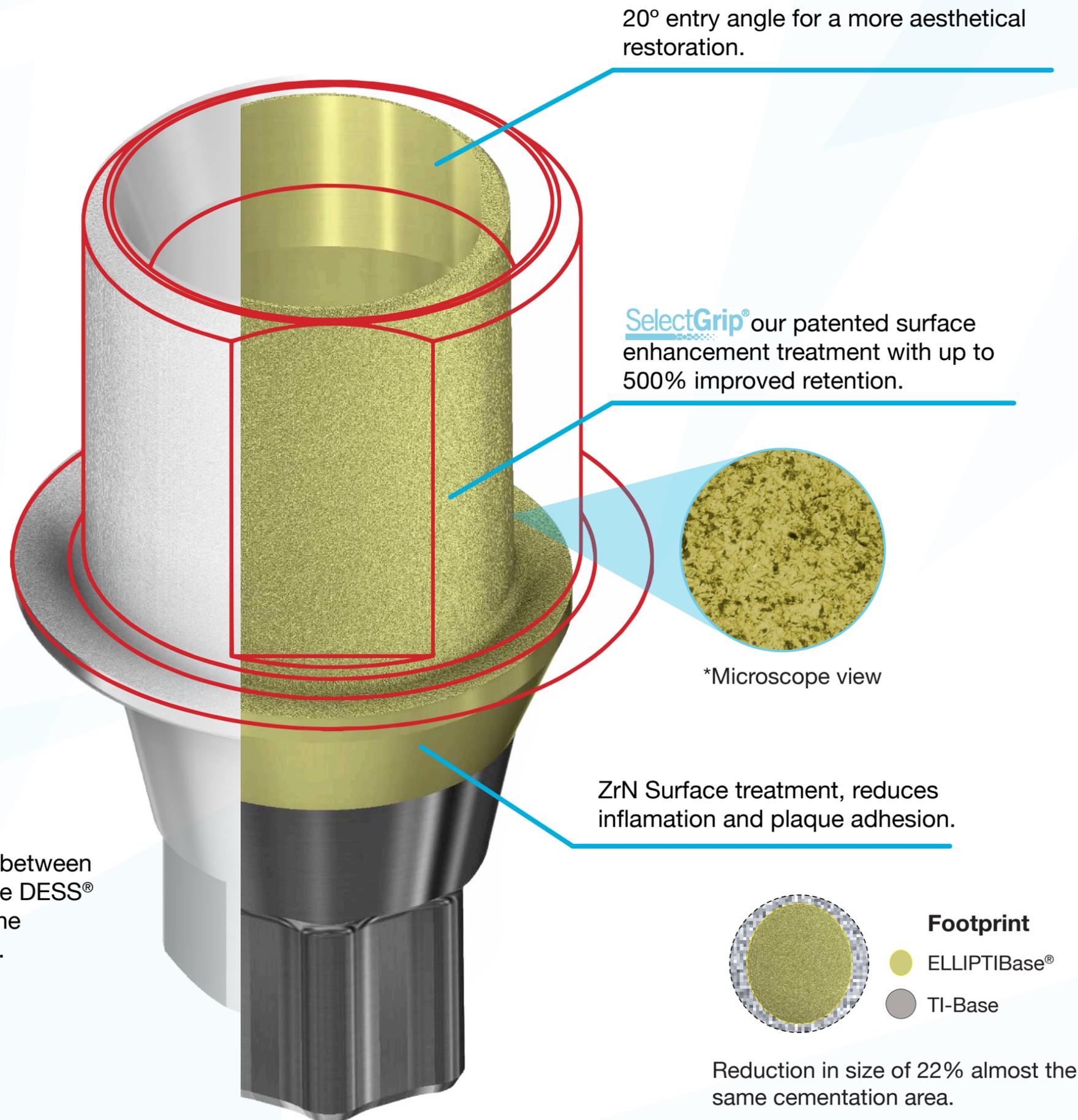
Restorations in positions where the interdental space is limited, have always been challenging, up until now, existing solutions would mean making sacrifices. Either because of the lack of space for the correct amount of restorative material or when it come to achieving the best aesthetical result.

ELLIPTIBase® has been specially designed to solve these problems.

The elliptical design allowed us to increase the space for restorative material, whilst maintaining almost the same cementation area.



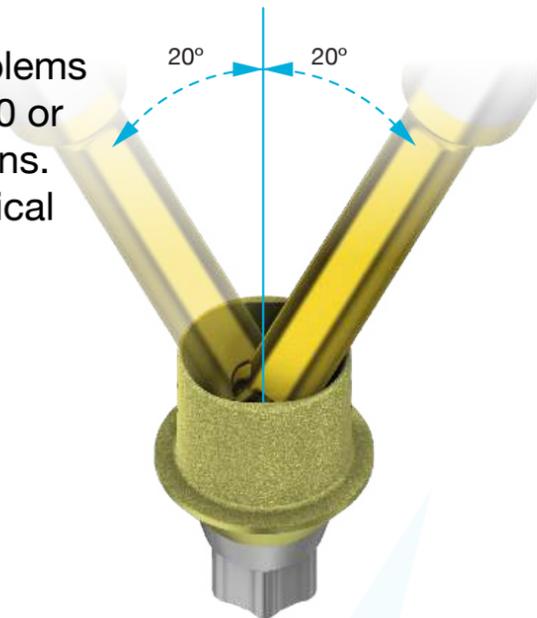
Comparisson between a standard size DESS® TI-Base and the ELLIPTIBase®.



Aesthetic Advantages

The DESS® ELLIPTIBase® addresses all those problems that arise when working on restorations where a 3.0 or 3.5 implant is used, particularly the incisors positions. These restorations require for an improved aesthetical result and a strong restoration.

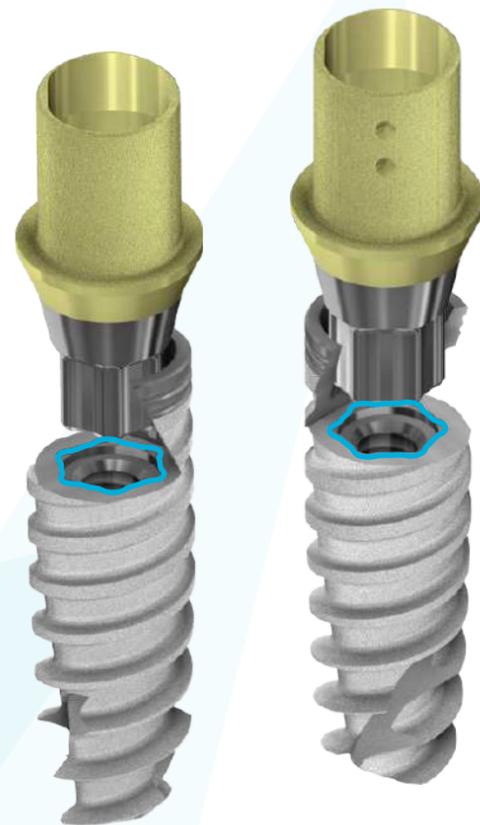
The 20° angulation on the access channel, combined with a lower shaft height will allow you to achieve the best aesthetical results without compromise.



Corner vs. Flat

Due to the shape of the ELLIPTIBase® we created corner and flat versions that depending on the orientation in which the implant has been placed, can be used to achieve the best result.

On any given hex connection the angle is of 45°, the corner connection would aid reducing the final angle of the shaft.™



Corner



Flat

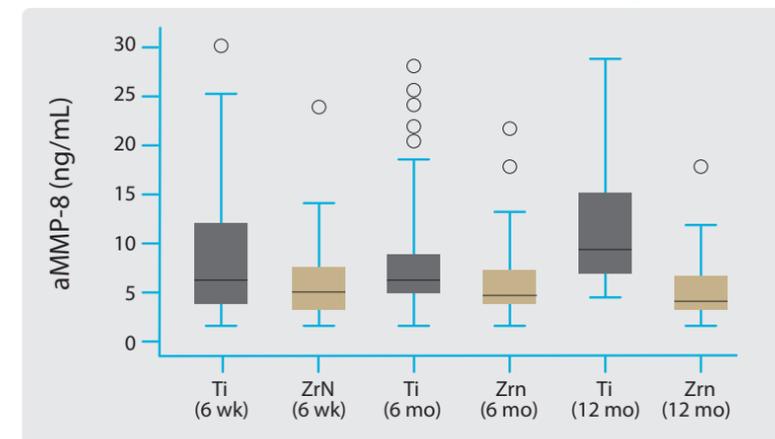
| Shaft orientation

⬡ Implant position

Surface Technology

The zirconium nitride surface treatment improves the overall mechanical resistance of the ELLIPTIBase® whilst reducing inflammation and plaque adhesion, offering better biocompatibility with the gums.

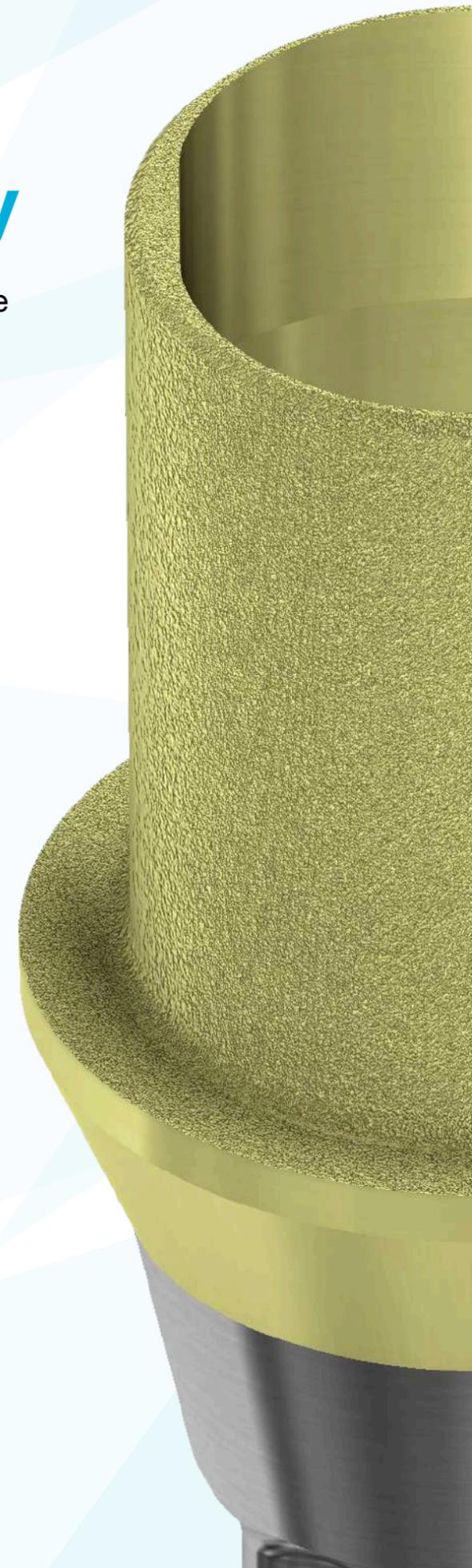
- Reduces plaque adhesion
- Decreases inflammation

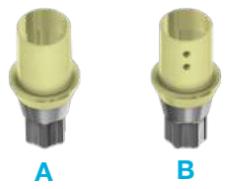


aMMP-8* values of fluid from peri-implant sulcus in titanium (Ti) and Zirconium Nitride (ZrN) coated attachments at different times after prosthetic restoration.

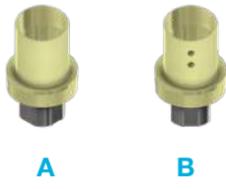
(Matrix Metalloproteinase-8 Levels in Peri-implant Sulcus Fluid Adjacent to Titanium and Zirconium Nitride Surface, Richard Meissen, MSc1 Mariana Mintcheva, MSc1 Lutz etuschil, PhD Dr2, Int J Periodontics Restorative Dent 2014; 34:91-95. doi: 10.11607/prd.1504)

* Presence of MMP-8 indicates an ongoing inflammation

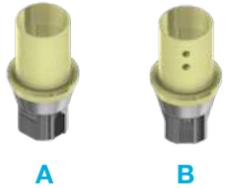




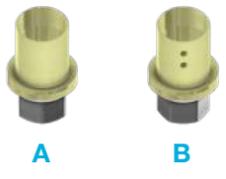
			3.0	NP	RP	WP
NobelActive® NobelReplace® CC Active Hex			3.0	3.5	4.3/5.0	5.5
A corner		56.068				
B flat		57.068				
	Torx® Screw ELLIPTIBase®	19.468				



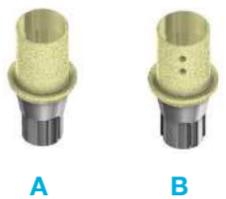
			3.5	NNC	RN	WN
Straumann® Soft Tissue level & synOCTA® Octagon			3.5	NNC	RN	WN
A corner		56.070				
B flat		57.070				
	Torx® Screw ELLIPTIBase®	19.441				



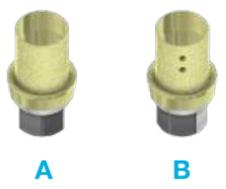
			NC/3.3	RP	NP/RP
Straumann® Bone level® Conical BL			NC/3.3	RP	NP/RP
A corner		56.043			
B flat		57.043			
	Torx® Screw ELLIPTIBase®	19.443			



			3.5	RP	WP
Zimmer® Screw-vent Internal Hex USA			3.5	RP	WP
A corner		56.017			
B flat		57.017			
	Torx® Screw ELLIPTIBase®	19.417			



			EV/3.0	EV/3.6	EV/4.2	EV/4.8	EV/5.4
Astra Tech implant system™ EV Conic EVO			3.0	3.6	4.2	4.8	5.4
A corner		56.406					
B flat		57.406					
	Torx® Screw ELLIPTIBase®	19.331					



			3.0	NP	RP	WP
Biohorizons® internal Internal hex BH			3.0	NP	RP	WP
A corner		56.099				
B flat		57.099				
	Torx® Screw ELLIPTIBase®	19.400				

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